

Serial No. 09/705,696
Reply to Office Action dated October 31, 2003

Docket No. GCTS-01P1

Amendments to the Specification:

Please replace the paragraph beginning on page 10, lines 1-5 with the following amended paragraph:

AI and is preferably substantially equal for best overall performance. The total capacitance value of the AGC according to this preferred embodiment is the sum of the capacitance C_i for each of the number of gain stages N . The ratio of total capacitance values indicates $[[he]]$ the capacitance value required for the DC offset cancellation circuit of the preferred embodiment.

This ratio is shown at equation 6 as: